CLAIM(S):

1. A battery condition monitor for monitoring a condition of a battery, monitoring a capacity not to be discharged caused by an internal resistance of the battery.

2. A battery condition monitor for monitoring a condition of a battery, comprising a dischargeable capacity detector for detecting a dischargeable capacity corresponding to a value of subtracting a capacity not to be discharged caused by an internal resistance of the battery from a charged capacity, and monitoring the condition of the battery based on said detected dischargeable capacity.

3. A battery condition monitor for monitoring a condition of a battery, comprising a charged capacity detector for detecting a charged capacity and a dischargeable capacity detector for detecting a dischargeable capacity corresponding to a value of subtracting a capacity not to be discharged caused by an internal resistance of the battery from the charged capacity of the battery, and monitoring the condition of the battery based on said detected charged capacity and said detected dischargeable capacity.

4. The battery condition monitor according to claim 2 or 3, wherein the dischargeable capacity detector obtains the dischargeable capacity based on a value of subtracting a voltage drop caused by the internal resistance during discharging from an open-circuit voltage at start of discharging corresponding to discharging the battery.

5. The battery condition monitor according to claim 4, wherein the dischargeable capacity detector obtains the dischargeable capacity by making allowance for a changing value of a characteristics of a charging condition of the battery and the open-circuit voltage caused by deterioration.

6. The battery condition monitor according to claim 5, wherein the dischargeable capacity detector obtains the dischargeable capacity, whenever the battery is discharged, based on a ratio of a first changing value of the open-circuit voltage of a new battery against reduction of the charging condition of the battery caused by discharging and a second changing value of the open-circuit voltage of the battery against reduction of the charging condition of the battery caused by discharging, and said value of subtracting.

7. The battery condition monitor according to any one of claims 4, 5 and 6, wherein the dischargeable capacity detector obtains the dischargeable capacity based on a value by subtracting a voltage drop by the internal resistance when a peak current flows in discharging.

8. A battery condition monitoring method of monitoring a condition of a battery comprising the step of monitoring a capacity not to be discharged caused by an internal resistance of the battery as a capacity not to be discharged from the battery.

9. A battery condition monitoring method of monitoring a condition of a battery comprising the step of monitoring the

condition of the battery based on a dischargeable capacity corresponding to a value of subtracting a capacity not to be discharged caused by an internal resistance of the battery from a charged capacity of the battery.

10. A battery condition monitoring method of monitoring a condition of a battery comprising the step of monitoring the condition of the battery based on a charged capacity of the battery, and a dischargeable capacity corresponding to a value of subtracting a capacity not to be discharged caused by an internal resistance of the battery from the charged capacity.

11. A method of detecting a dischargeable capacity of a battery comprising the step of obtaining the dischargeable capacity based on a value of subtracting a voltage drop caused by the internal resistance during discharging from an open-circuit voltage corresponding to a charged capacity of the battery.